

The Commonwealth of Massachusetts

ANNUAL REPORT

OF

THE TRUSTEES

OF THE

all: STATE INFIRMARY

AT TEWKSBURY

FOR THE

YEAR ENDING NOVEMBER 30, 1930

DEPARTMENT OF PUBLIC WELFARE



The Commonwealth of Massachusetts

OFFICERS OF THE STATE INFIRMARY

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JAMES F. LAWLER, M.D., *Senior Physician*.
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CHARLES J. CARDEN, M.D., *Assistant Physician*.
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EUGENE E. ALLEN, M.D., *Assistant Physician*.
RALPH HEIFETZ, M.D., *Assistant Physician*.
CARL NELSON, M.D., *Assistant Physician*.
DOROTHY READ, M.D., *Assistant Physician*.
CHARLES D. BROE, D.M.D., *Dentist*.
THOMAS F. FLYNN, *Steward*.
ROBERT E. GAY, *Chief Clerk*.

RESIGNATIONS

PETER W. KASZETT, M.D., *Assistant Physician*, February 1, 1930.
JOHN R. FLETCHER, M.D., *Assistant Physician*, July 31, 1930.
NELLIE HAMEISTER, M.D., *Assistant Physician*, August 31, 1930.
ELLSWORTH J. DICKSON, M.D., *Assistant Physician*, September 2, 1930.

CONSULTING BOARD OF PHYSICIANS AND SURGEONS

HARDY PHIPPEN, M.D., SALEM.
HARVEY P. TOWLE, M.D., BOSTON.
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TRUSTEES' REPORT

To His Excellency the Governor, and the Honorable Council:

The trustees of the State Infirmary herewith submit the seventy-seventh annual report, for the year ending November 30, 1930.

On November 30, 1930, there were 3,031 inmates at the State Infirmary, this number comparing with 2,696 on November 30, 1929.

During the year ending November 30, 1930, the daily average number of patients was 2,826 as compared with 2,567 in the preceding year, an increase in the daily average of 259.

These figures are very significant. They show in a measure, the effect of the present economic status upon an institution such as ours, and presage a much overcrowded condition the coming winter.

Under Chapter 115-426, Acts of 1930, there was appropriated for the State Infirmary, the sum of \$1,052,900.00. In addition, \$21,747.78 of the unspent balance of the 1929 appropriation for expenses was brought forward into 1930, making the total amount available for maintenance, \$1,074,647.78. This compares with \$1,023,163.44, the appropriation for the preceding year.

During the year there has been spent a total of \$1,045,552.05, which compares with \$991,673.58 in the preceding year, or an increase in expenditures in the recent fiscal year of \$53,878.47. This increase is slightly less than $5\frac{1}{2}$ per cent.

As required by law, we have turned back into the State Treasury \$126,639.51 received for articles sold and for care of individual and municipal cases, leaving a net outlay of \$918,912.54. The net weekly per capita cost for the care of patients has been \$6.25.

The following is the amount expended during the fiscal year from Special Appropriations:

Laundry Equipment and Extension	\$1,147.22
Water Tower	—
Power House Equipment	11,617.17
Maternity Ward	32,277.64
Purchase of Land and Building	2,000.00
Men's Hospital Addition	4,231.44
Industries Building	1,978.77
Walks and Driveways	3,886.97
Women's Hospital Improvements	757.89
Total	\$57,897.10

There was appropriated under Chapter 115, Acts of 1930, the following Special Appropriations:

Maternity Ward	\$20,000.00*
Addition, Men's Hospital	70,000.00
Addition, Laundry Building	6,000.00
Industries Building	45,000.00
Storage Building	20,000.00
Land for Protection of Water Supply	2,000.00*
Improvements, Women's Hospital	20,000.00
Walks and Driveways	4,000.00
Total	\$187,000.00

Items for which we requested that special appropriations be granted by the Legislature, with the estimated costs, were filed with the Commission on Administration and Finance, on October 15, 1930, as follows:

Employees' Quarters (24 double rooms)	\$73,974.00
Assistant Physician's House	21,458.00
Men's Dormitory (196 beds)	55,244.00
New Domestic Centre to Men's Tuberculosis Hospital for 200 patients	31,800.00
Land	2,000.00
Walks and Driveways	4,000.00
Total	\$188,476.00

We highly commend the personnel for the willing spirit they have shown, under the overcrowded condition, in attempting to furnish adequate medical and nursing service; but for this, our task would have seemed almost impossible.

We are more and more impressed with the need of proper housing for our employees if we are to keep up to the standards we desire. With the salaries more or less fixed by statute, the question of keeping or losing a valuable employee is often determined by whether or not he is comfortably housed. The above request for employees quarters has been made because the need has become acute.

The Assistant Physician's house comes under this same category.

We have excellent material upon our medical staff. It has always been a Training School for men to take higher positions. We want to repeat the hope that in the future there will be an increasing number of the more acute diseases sent here to receive the study and care which our staff are so eminently capable of administering. The past year has shown us the continued single-minded devo-

* These amounts are in addition to any amounts previously appropriated for the same purposes.

tion to the institution of our Superintendent which has always marked his services and it has been a pleasure to work with the Commissioner of Public Welfare.

The past year has had more than the usual problems presented to the Trustees for solution. These problems have been carefully considered and worked out to the best of our ability for what we believe to be the highest interest of the inmates.

We believe the coming year will further demonstrate the value of the State Infirmary to the Commonwealth.

G. FORREST MARTIN, M.D., *Chairman*
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 WALTER F. DEARBORN, M.D.
 NELLIE E. TALBOT, *Secretary*
 D. D. SULLIVAN, N.E.T.
 ROBERT G. STONE
 MARY E. COGAN

SUPERINTENDENT'S REPORT

To the Trustees of the State Infirmary:

I have the honor of presenting to you the seventy-seventh annual report of the State Infirmary for the year beginning December 1, 1929, and ending November 30, 1930.

The records for 1930 show that during the year 6,238 people have been cared for, 4,354 males and 1,884 females—873 more than the previous year, and at the end of the fiscal year there were 3,031 people in the institution, which is 335 more than the previous year. The largest daily census was 3,058, February 21, an increase of 242, and the smallest daily census was 2,633, June 17, which is 258 more. The daily average number of people was 2,826, or 259 more than in 1929.

The number of births was 147—80 males and 67 females, which is 37 more than the previous year. There were 581 deaths—532 in the general hospital and 49 in the department for the insane—393 males and 188 females, which is 44 more than the previous year.

The expenditures for maintenance was \$1,045,552.05: For salaries, \$461,925.81; general expenses, \$583,626.24. The weekly per capita cost was \$7.11.

The amount \$126,639.51 was received for the support of city, town and United States cases cared for at the Infirmary, for articles sold, etc., which leaves a net cost of \$918,912.54 for maintenance of the institution for the year, and a net weekly per capita cost of \$6.25.

Under the heading of special appropriations \$57,897.10 was expended, as shown in detail in the financial report.

There were treated in the hospital wards, 5,775 diseases, of which 4,390 were male cases and 1,385 female. Of these, 1,228 were discharged well, 482 improved, 1,303 not improved, 532 died and 2,230 remained in the Infirmary. There were 54 diseases of the spinal cord; 324 cases of cardiac disease, 31 of feeble-mindedness, a decrease of 42,—110 cases of mental disease; 13 of epilepsy; 140 of alcoholism, an increase of 15; 3 of erysipelas; 192 cases of syphilis, an increase of 94; 201 of gonococcus infection; 95 cases of cancer, an increase of 16; 900 of arteriosclerosis; 269 of respiratory system with 16 deaths; 308 of gastro-intestinal diseases with 16 deaths; 227 of the puerperal state; 191 of early infancy with 9 deaths; 106 of the genito-urinary tract, 5 deaths; 208 of skin and cellular tissues with 2 deaths; 107 of bones and joints; 458 of nervous system and organs of special sense, 107 deaths; 1,577 general diseases with 192 deaths; 1,364 diseases of the circulatory system with 242 deaths; 274 due to accident or external causes with 4 deaths.

Of the 532 deaths there were 120 due to tuberculosis of the lungs, 45 to cancer; 5 to spinal cord disorders; 84 to diseases of the heart; 156 to arteriosclerosis; 14 to pneumonia; 3 to chronic nephritis and 11 to enteritis.

There were the following infectious diseases: 4 cases of influenza, 18 cases of measles, 1 malaria, 4 scarlet fever and one diphtheria.

In the men's hospital 2,716 patients were admitted to the receiving room, for hospital records, physical examination, classification and transfer to other wards according to their hospital needs and their prospects of return into the community. There were available in this department 449 beds, an increase of 22 over the last year, which has, however, been very inadequate to the demand of those needing

continued hospital care. Among those admitted were 47 cases of alcoholic multiple neuritis, so-called "Jakey paralysis," affecting chiefly the muscles of the feet and hands. Much has been done for their comfort and rehabilitation with the co-operation of the Occupational Therapist, the results by persistence and continuous work, and muscle training, being very gratifying.

A clinic for the injection treatment of varicose veins has been established, which has proved satisfactory and popular with the patients, as many cases formerly requiring operation are now adequately relieved by this method, in which hospitalization of the patient is not necessary.

The eye clinic on Monday afternoon has continued to render important service and added much to the comfort of the patients, especially in providing them with properly fitted glasses.

In the venereal ward, 88 cases of gonorrhea have received treatment, and 121 cases of syphilis in which the treatment has been by intravenous injections of arsphenamine, intramuscular injections of sulpharsphenamine, and mercury salicylate and thio-bismol.

Although a number of changes have taken place in the personnel of the X-Ray Department, valuable service and fine work has been performed during the year which encourages the thought that the former high standard in this work will be continued.

Eighty-seven major operations have been performed in the men's department, and 281 male patients have received minor surgical treatment. Among the operations performed have been 48 herniorrhaphies, 7 appendectomies, 10 amputations of thigh, 4 suprapubic cystotomies and 11 tonsillectomies and adenoidectomies. Spinal anaesthesia has been very largely used, with successful results in the operative work. This method has been used in 102 cases without noting any untoward effects.

On September 2, Dr. Ellsworth J. M. Dickson who had been employed in our men's hospital for 18 months, resigned to resume his work as a Missionary in China, having been on a furlough to visit his family in Cambridge. During Dr. Dickson's brief period at the Infirmary, he rendered valuable and conscientious service which was greatly appreciated by all of his patients and with all of those with whom he was associated in his work.

Dr. John R. B. Fletcher, junior assistant in the men's hospital department, resigned August 1, after completion of one year's service.

Dr. Carl Nelson, a graduate of the Boston University School of Medicine, and a former interne at the Lowell General Hospital, began his service as junior assistant on August 1.

Dr. Eugene E. Allen, a graduate of the Tufts College Medical School, and formerly an interne at the Lowell Corporation Hospital, was appointed junior assistant in the above department, September 2.

In the women's department there has been considerable overcrowding, especially as the prenatal cases were transferred to this department from the West ward, which is being temporarily used for maternity cases during the construction of the new maternity building.

There has been an increase in the number of aged women with chronic illnesses requiring prolonged hospital residence.

Forty-eight major surgical operations have been performed in this department, among which were 13 appendectomies, 12 suspensions of the uterus, 5 hysterectomies, 6 perinorrhaphies, 3 herniotomies, 4 mastoidectomies, 5 trachelorrhaphies and 4 oophorectomies.

In the women's venereal clinic were treated 144 cases of gonorrhea and 71 cases of syphilis. We find no undesirable effects accompanying the treatment of gonorrhea during pregnancy, and feel that the treatment of syphilis during pregnancy is not only wise but imperative, as many of the patients come to us for confinement are also affected with venereal disease.

In the obstetrical clinic there were 147 deliveries; 127 were normal, 13 forceps, 3 breech extractions and 2 Cesarean sections. There were 2 sets of twins and 5 stillborn.

Dr. Nelly C. Hameister, junior assistant in the women's department, resigned on August 31, to accept a position in Sparta, Wisconsin.

Dr. Dorothy Read, a graduate of Tufts College Medical School, and formerly of the Boston State Hospital, was appointed junior assistant in this department following the resignation of Dr. Hameister.

In the department for tuberculosis, the number of patients treated show an increase over that of last year, particularly in the women's department. The total number treated was 577; classified as minimal, 35; moderately advanced, 180; far advanced, 362. In the men's department 412 were admitted, and in the women's department 165. Five were discharged as arrested; 77 relieved; 148 not relieved; 126 died, 86 males and 40 females. At the end of the fiscal year there were 221 in this department.

In the non-pulmonary group, which includes bovine and hilum types, there were 29—19 males and 10 females, as follows:

	Males	Females	Total
Of the peritoneum	2	1	3
Of the vertebral column	4	1	5
Of other organs	13	8	21

Tuberculosis of other organs include cases of lupus vulgaris, skin, cornea, joint glands and kidneys.

A majority of the pulmonary group, on admission, as formerly, has shown moderately advanced or far advanced lesions.

During the year the children in the women's department for tuberculosis were transferred to other institutions, or in some cases to their own homes. All of these children were improved on discharge, many of them being classified as arrested. In non-pulmonary cases, heliotherapy has been used throughout the year with good results.

Dr. Ralph Heifetz, a graduate of Tufts College Medical School, a former interne at the St. John's Hospital, Lowell, was appointed junior assistant in this department June 9th, in place of Dr. Peter W. Kaszett, who resigned to accept a position with the General Electric Company of Lynn.

The statistics for the department for the insane are for the twelve months beginning October 1, 1929, and ending September 30, 1930.

There were 74 admissions; 48 as first admissions, 2 readmissions, and 24 were transferred from other hospitals for the insane. The daily average number of patients has been 802.1, 245.9 males and 556.2 females. There were 49 deaths; 21 were males and 28 females. Nineteen were discharged from the books; 8 males and 11 females; 6 males and 5 females were discharged as improved; 2 males and 6 females unimproved. Three of the men and one woman was very much improved on discharge.

The number of deaths in the mental wards is close to the average for the past five-year period, tuberculosis and malignancy each causing 6 deaths. As usual, arteriosclerosis has taken the largest toll in deaths.

The cause of mental disease in more than one-fourth of the new admissions was, as usual, senile changes, while in the case of six of the men, the basic cause was syphilis.

During the past year, an average of 145 men and 261 women were kept employed at some kind of productive work. It seems very difficult to attain a higher percentage of workers because so very many of our patients are either very feeble from old age and its allied causes, or from complete mental disintegration.

As in previous years, much has been done in attempts to entertain the mental cases; dances, sleigh rides, auto rides, moving pictures, amateur theatricals, winter carnivals and corn roasts are some of the activities used in promoting the happiness of these cases.

The summary of work for the year in the Dental department is as follows:

Chair patients	1,516
Plates	130
Partial plates with clasps	4
Plates repaired	41
Amalgam fillings	245
Cement fillings	160
Porcelain fillings	122
Extractions	1,906

Prophylaxis	274
Bridges	2
Bridgework repaired	2
Extractions with ether	2
Fractures	5
Alveolar abscess	4
Treatments:	
Pyorrhea	22
Vincent's angina	29
Stomatitis	37
Temporary stopping	180
Post operative	32

TRAINING SCHOOL FOR NURSES

In the Training School for Nurses the requirements for entrance have been raised to the successful completion of four years of high school work. Through the courtesy of the Lowell General Hospital, we have been most fortunate in obtaining an affiliation in surgery, which makes possible two months of very valuable instruction, experience, and observation in their large surgical clinic, in the operating room, and on the ward.

Miss Marion E. Blanchard, R. N., assistant instructress, resigned on October 4, to accept the position of superintendent of nurses at the Foxborough State Hospital, and Miss Helen A. Martin, R. N., formerly superintendent of nurses at the Presbyterian Hospital, Ganado, Arizona, was appointed to fill the vacancy.

A graduate nurse has been added to do special duty in the women's tuberculosis department, at night.

Graduation exercises were held on September 17; Dr. G. Forrest Martin, Chairman of the Board of Trustees, presiding. A most memorable address was delivered by the Rev. George M. Ward, D.D., of Billerica, and Palm Beach, Florida. Diplomas were presented to the following nurses who had successfully completed the three years' course: Eleanor Catherine Brunnelle, Helen Louise Patricia Burke, Helena May Burke, Martha Vivian Burrows, Helen Frances Collins, Mary Ellen Decker, Dorothy Nerissa Dibbins, Marguerite Helen Dinnigan, Dorothy Elizabeth Donahue, Katherine Rita Gildea, Meta Catherine Gravballe, Mary Katherine Hammersley, Ann Lillian McMahon, Esther Irene Marshall, Margaret Mary Moynihan, Helen Elizabeth Noonan, Sally Virginia O'Neill, Ann Catherine Sullivan, Kazimiera J. Monarszynski Tarka, Mildred Gertrude Webb, and Marion Elizabeth Wright.

Twenty probationers were accepted on October 1 to the training school. A total of 615 hours were devoted to class room work during the year. Seventeen reference books have been added to the nurses' library.

The graduation exercises for the attendant nurses—one-year course—were held on December 31, 1929, in the class room at Hall Three. The address was given by the Superintendent, and diplomas were presented to ten graduate attendants, as follows: Gladys Monroe Horr, Lillian Regan, Jennie B. Greenwood, Grace Lessard, Florence Elizabeth Fraas, Mary Louise Wholey, Dorothy May Howes, Sophie Wyzsatycke, Alice Garry and Alice Faboile Desmarais.

On February 28 we were saddened by the death of one of our faithful supervisors, who was an honor to her profession and to the State Infirmary, Miss Mary Cassidy, R. N., a graduate of the class of 1911. Following her graduation, Miss Cassidy did private nursing, later enlisting in the World War as Army Nurse. She returned to the State Infirmary, as night supervisor in 1922, which position she held until her death. She was buried in Lowell with military honors.

At the close of the year there were in the female nursing department 177, as follows: graduate nurses, 32; hydrotherapist, 1; student nurses, 56; graduate attendants, 17; attendants in training, 17; regular attendants, 54. To the above should be added 3 male graduate nurses and 54 male supervisors and attendants, making a total of 234 employed in ward service.

OCCUPATIONAL THERAPY

Occupational therapy as an adjunct to other methods in use at the State Infirmary has made substantial progress since the work was taken over by Miss Lucy G. Morse, of the Boston School of Occupational Therapy, and formerly head occupational therapist at the Worcester State Hospital, who began her work late in the preceding year. The work has been gradually extended so that it covers most parts of the hospital, and has proved to be of special therapeutic value in many individual cases, and of marked general importance throughout the wards. With the aid of three assistants, an average of 143 patients, monthly, have been treated,—29 in the central workshop; 29 in the men's hospital; 45 in the women's hospital, 20 in the department for tuberculosis, and 20 in the mental wards. These patients are distinct from those regularly employed in the sewing rooms, industrial, or domestic departments. Very attractive work in useful articles such as needlework, basketry, weaving and woodwork is being done, all of which articles are intended for some particular use within the Infirmary. Some of the special items produced are: 159 pillows, 263 table covers, 277 shawls, and 422 rugs. Exhibits have been made on two occasions, in September, at Springfield, and at the Commonwealth Armory, and in November at the sixth annual conference of the Massachusetts Occupational Therapy Association, in Boston.

Among the large amount of clothing and articles manufactured in the industrial rooms, the following items are of special importance: towels, 1,942 doz.; rugs, 778; sheets, 600 doz.; pillow slips, 543 doz.; mattresses, 446; women's dresses, 210 doz.; infants' dresses, 133 doz.; repaired: 3,423 pairs of shoes; 951 doz. men's stockings, 481 books, and 159 picture frames.

The outstanding item of interest on the farm continues to be the dairy herd, which is composed of 171 head of Holstein stock, 130 of which are pure bred, and 41 grades, all of which are free from tuberculosis. The average milk production for the year, from 103 milking cows, was 10,724 pounds per cow; the average butter fat 372 pounds, and the average butter fat test 3.47%. An honor roll certificate from the National Dairy Association was awarded for butter fat production.

There were 8,814 pounds of beef and veal slaughtered; 45,000 pounds of pork produced; 13,456 dozen eggs laid, and 3,684 pounds of poultry dressed.

Among the field crops, there were 222 tons of English hay, 784 tons ensilage, 316 tons of green feed, and 35 tons of fodder and meadow hay; 4,000 bushels of potatoes, 1,140 bushels of tomatoes, 300 bushels of onions, 2,300 bushels of beets; 960 bushels of beans and peas, 36,000 pounds of squash, 41,500 pounds of cabbage and cauliflower, 6,000 pounds of small fruit, and 1,648 bushels of apples.

Seven filter beds were resanded; 10 acres of land reclaimed and developed, and 3,200 square yards of macadam road prepared by the farm department.

NEW BUILDINGS, EXTENSIONS, REPAIRS AND IMPROVEMENTS

Under the general category of new buildings, extensions, repairs and improvements, much has been done chiefly by, or under the supervision of the engineering department, a great deal of work having been started, carried on, or brought to completion, of which the outstanding items are as follows: The water tower, 105 feet high and 40 feet in diameter, erected during the previous year, was connected with the supply and delivery of the water mains and put into commission, providing an increased pressure from 50 pounds to 80 pounds, with a storage capacity of one million gallons. Two electric pumps were installed at the pumping station, thereby increasing the pumping capacity from 354,000 to 497,000 gallons per day. The combined storage capacity, including the old water tower, is now one and one-half million gallons, and greatly improves our fire protection. New poles were set to carry new power and light lines to the new switchboard mentioned in the last report, and a change from direct to alternating current was established early in the summer, requiring much labor in installation of lines, equipment, transformers and other appliances necessary in connecting the switchboards and generators in the change to the alternating current developed by the newly installed 250 K. W. uniflow engine. A second uniflow engine with direct driven generator of 168 K. W. capacity has also been installed.

In the laundry, part of the old machinery was removed and a new eight-roller mangle two 40-inch O. T. extractors, and two 84-inch washing machines were installed.

The brick walls of the boilers were reconstructed; 3,600 feet of high pressure steam line, and return, to the men's tuberculosis hospital was relaid with welded joints, also 400 feet of welded high pressure steam line was installed through the old asylum building, and the heating system in the old East ward of the men's hospital reconstructed.

An overhead passage way from the men's hospital to the isolation ward No. 1 was built; a dining room and kitchen on the first floor of the old East ward has been established; the drainage and sewage lines to the men's hospital have been relocated; a 1,000-gallon hot water heater was installed at the men's tuberculosis hospital, and an electrically operated dumb waiter has been placed in the women's tuberculosis hospital.

The old maternity hospital was torn down and a new building erected by the Daniel Walker Co., of Lowell, which is now nearing completion.

Contracts were let to Theodore Laranger and Company, of New Bedford, and the foundations laid, in the month of November, for the extension to the men's hospital, and for the industrial building. Work was also started by Joseph Duerso, contractors of Lawrence, for the two fireproof stairways and elevators for the women's hospital, all of which work is under the direction of Putnam and Cox, architects. Work is also well under way on the extension for 24 tie-ups at the dairy barn.

In accordance with Chapter 146, Acts of 1929, and Chapter 115, Acts of 1930, 94 acres adjoining the State land on Strongwater Brook were purchased for improvement in the water supply.

In compliance with the provisions of Section 3, Chapter 29, General Laws, the following estimates for the coming year have been submitted:

<i>Object for which Appropriation is required</i>	<i>Estimates for Fiscal year, 1931</i>	<i>Last Appropriation</i>
Personal services	\$502,470	\$460,000
Religious instruction	2,200	2,300
Travel, transportation and office expenses	6,070	5,600
Food	260,480	265,000
Clothing and material	74,300	70,000
Heat, light and power	59,190	54,000
Medical and general care	47,350	47,000
Furnishings and household supplies	56,800	55,000
Farm	44,800	40,000
Garage, stable and grounds	11,735	10,000
Repairs, ordinary	29,800	28,000
Repairs and renewals	64,839	16,000
Total	\$1,160,034	\$1,052,900

On August 1, Mr. George E. Duley, chief engineer, resigned to accept the position of chief engineer at the State House, and Mr. George E. Harris was selected to fill this vacancy.

It is with sorrow that I record the very sudden death of Mr. Richard J. Molloy, a fireman, age 30 years, on November 22. He was well beloved by his associates and although for many years there had been occasional warning of his cardiac disorder, there were no premonitory symptoms at this time.

After a prolonged illness, Mr. Peter Alexander MacDonald, R. N., died on July 8, 1930. He began his work here in the men's hospital in July, 1892, was rapidly advanced and was made superintendent of male nurses, having charge of the entire men's department. He was one of our most faithful, trusted and efficient officers.

To the Reverend Father McQuade, O. M. I., Superior of the Novitiate of the Oblate Fathers; Rev. Father Wholey, Chaplain, and associates of the Novitiate, I wish to express my gratitude for their devotion to the spiritual welfare of our charges here, and their generous co-operation with all who are related in the general care of the people.

To the Rev. Moses Sedar, Chaplain for those of the Jewish faith, I would express my appreciation of his friendly services and good cheer which he spreads abroad on his weekly visits.

To the Rev. John Cummings, I wish to acknowledge my appreciation of his faithful, earnest and inspiring service as Chaplain to those of the Protestant faith.

To the Commissioner of Public Welfare, through whom our official contacts with the State Government are made, and from whom my instruction in procedure and policies are received, for his kindly and deep concern in all matters of vital interest, I am greatly indebted.

To the Director of Aid and Relief and his associates with whom we are constantly in co-operation, and especially the Supervisor of Social Service, I would express my thanks.

To the members of the Board of Trustees who for many years have counselled, encouraged and supported me through the perplexities of administration, I gratefully acknowledge my obligations.

Respectfully submitted,

JOHN H. NICHOLS,

Superintendent.

FINANCIAL REPORT

To the Trustees of the State Infirmary:

I respectfully submit the following report of the finances of this institution for the fiscal year ending November 30, 1930:

CASH ACCOUNT

Income:

Board of inmates	\$122,172 86
Personal services:	
Receipts from the Board of Retirement	371 06
Sales	3,670 58
Interest on bank balances	425 01
Total income	\$126,639 51

MAINTENANCE

Balance from previous year, brought forward	\$21,747 78
Appropriation, current year	1,052,900 00
Total	\$1,074,647 78
Expenses (as analyzed below)	1,045,552 05
Balance reverting to treasury of Commonwealth	\$29,095 73

Liabilities (11-30-30) \$25,151 54

ANALYSIS OF EXPENSES

Personal services	\$461,925 81
Food	259,460 57
Medical and general care	46,649 15
Farm	39,991 25
Heat, light and power	57,736 68
Garage, stable and grounds	9,799 28
Travel, transportation and office expense	6,013 07
Religious instruction	2,051 47
Clothing and materials	67,958 35
Furnishings and household supplies	54,541 02
Repairs, ordinary	28,468 34
Repairs and renewals	10,957 06
Total	\$1,045,552 05

SPECIAL APPROPRIATIONS

Balance, December 1, 1929					\$49,026 83
Appropriations for current year					187,000 00
Total					\$236,026 83
Expended during year				\$57,897 10	
Reverting to Treasury of Commonwealth				103 95	
					58,001 05
Balance Nov. 30, 1930, carried to next year					\$178,025 78

Purpose	Appropriation	Expended during Fiscal Year	Expended to Date	Balance
Laundry Building Additions (Chap. 115, 1930)	\$6,000 00	—	—	\$6,000 00
Laundry Equipment and Extension (Chap. 127, 1928)	20,000 00	\$1,147 22	\$19,974 98	*25 02
Water Tower (Chap. 127, 1928)	27,500 00	—	27,421 07	*78 93
Power House Equipment (Chap. 127, 1928)	30,000 00	11,617 17	28,841 51	1,158 49
Maternity Ward (Chap. 146, 1929), (Chap. 115, 1930)	51,000 00	32,277 64	32,277 64	18,722 36
Land for Protection of Water Supply (Chap 146, 1929), (Chap. 115, 1930)	4,000 00	—	—	4,000 00
Purchase of Land and Building (Chap. 146, 1929)	2,000 00	2,000 00	2,000 00	—
Men's Hospital Addition (Chap. 115, 1930)	70,000 00	4,231 44	4,231 44	65,768 56
Industries Building (Chap. 115, 1930)	45,000 00	1,978 77	1,978 77	43,021 23
Storage Building (Chap 115, 1930)	20,000 00	—	—	20,000 00
Walks and Driveways (Chap. 115, 1930)	4,000 00	3,886 97	3,886 97	113 03
Women's Hospital Improvements (Chap 115, 1930)	20,000 00	757 89	757 89	19,242 11
Totals	\$299,500 00	\$57,897 10	\$121,370 27	\$178,129 73

*Reverting to Treasury of Commonwealth \$103 95
 Balance carried to next year 178,025 78

Total as above \$178,129 73

PER CAPITA

During the year the average number of inmates has been 2,826.

Total cost for maintenance, \$1,045,552.05.

Equal to a weekly per capita cost of \$7.11.

Institution income, \$126,639.51.

Net weekly per capita, \$6.25.

Respectfully submitted,

JOHN H. NICHOLS, *Superintendent.*

VALUATION, NOVEMBER 30, 1930

REAL ESTATE

Buildings	\$1,761,582 98
Land and other real estate	408,655 08
	\$2,170,238 06

PERSONAL PROPERTY

Travel, transportation and office expense	\$649 41
Food	29,690 35
Clothing and materials	50,678 26
Furnishings and household supplies	263,992 89
Medical and general care	28,402 06
Heat, light and power	5,839 75
Farm	74,439 28
Garage, stable and grounds	14,529 21
Repairs, ordinary	16,466 60
Totals	\$484,687 81

STATISTICAL FORM FOR STATE INSTITUTIONS

(Prepared in accordance with a resolution of the National Conference of Charities and Correction, adopted May 15, 1906.)

Name of institution: STATE INFIRMARY.

Population

	Males	Females
Number of inmates present at beginning of fiscal year	1,638	1,058
Number received during the year	2,716	826
Number discharged or died during the year	2,395	812
Number at end of fiscal year	1,959	1,072
Daily average attendance (i. e., number of inmates actually present) during the year	1,730	1,096
Average number of officers and employees during the year	218.11	279.03

STATISTICAL STATEMENT

STATEMENT NO. 1

Number in hospital December 1, 1929, 2,696; admitted during the year, 3,542; discharged during the year, 3,207; supported during the year, 6,238; deaths during the year, 581; births during the year, 142; weekly average, 2,826; present number, 3,031.

Of the 3,542 admitted during the twelve months ending November 30, 1930, there were from: Boston, 1,850; Lowell, 145; Births, 142; Tewksbury, 132; Worcester, 105; Lawrence, 99; Springfield, 80; Fall River, 78; Chelsea, 52; Lynn, 50; Industrial School, Lancaster, 35; Cambridge, 29; Sherborn Ref., 26; Everett, 25; Medford, 24; Andover, 23; Haverhill, 22; New Bedford, Somerville, 21 each, 42; Wakefield, 18; Malden, 19; Salem, 17; Framingham, 15; Revere, 14; Ayer, Fitchburg, Methuen, Waltham, Woburn, 11 each, 55; Amesbury, Billerica, Peabody, 10 each, 30; Industrial School, Shirley, Wilmington, 9 each; 18; Industrial School, Westborough, Marlborough, Norwood, Watertown, 8 each, 32; Arlington, Gardner, Milford, Newburyport, Pittsfield, Quincy, Taunton, Uxbridge, 7 each, 56; Athol, Beverly, Lexington, Newton, Southbridge, Saugus, Westford, Weymouth, Westfield, Winthrop, 6 each, 60; Belmont, Blackstone, Maynard, Oxford, Reading, State Farm, Wrentham State School, 5 each; 35; Attleboro, Burlington, Dracut, Danvers, Gloucester, Melrose, No. Adams, No. Andover, Webster, 4 each, 36; Brockton, Bedford, Braintree, Chicopee, Chelmsford, Clinton, Essex, Falmouth, Holyoke, Hudson, Leominster, Middleboro, Northbridge, Rockport, Swampscott, Seekonk, Wareham, Whitman, Walpole, 3 each, 57; Abington, Belchertown State School, Cohasset, Easthampton, Greenfield, Harwich, Hopkinton, Millbury, Medfield, Marion, Montague, Northampton, Needham, Palmer, Plymouth, Pepperell, Pondville Hospital, Sherborn, Salisbury, Sharon, Spencer, Templeton, Winchester, Winchendon, Wellesley, Walter E. Fernald State School, 2 each, 54; Adams, Acton, Ashland, Amherst, Acushnet, Brookline, Barnstable, Bourne, Berlin, Buckland, Carver, Dudley, Dartmouth, Dunstable, Deerfield, Erving, Fairhaven, Franklin County District Court, Groton, Gayhead, Holliston, Hanover, Hull, Ipswich, Lancaster, Ludlow, Lee, Lakeville Sanatorium, Lynnfield; Leicester, Milton, Mansfield, Mendon, Norfolk, Norton, No. Reading, No. Brookfield, Natick, No. Reading State Sanatorium, Nantucket, New Bedford House of Correction, Petersham, Plymouth House of Correction,

Raynham, Roxbury, Rockland, Rowley, So. Deerfield, Scituate, Stoughton, Swansea, Sheffield, Sturbridge, Townsend, Topsfield, Upton, Wrentham, Williamstown, Worthington, Westport, West Stockbridge, Whateley, West Springfield, Westfield State Sanatorium, West Medway, Westwood, 1 each, 67.

The following table indicates the number each month, also sex and age:

	Totals	Males	Females	Under 10	10 to 20	20 to 30	30 to 40	40 to 50	50 to 60	60 to 70	70 to 80	80 to 90	Over 90
1929													
December	219	265	54	16	12	32	19	44	89	90	22	5	0
1930													
January	331	230	81	24	17	44	31	49	62	67	33	4	0
February	253	182	71	29	18	40	22	31	50	44	17	2	0
March	239	166	73	21	13	44	27	36	28	45	18	7	0
April	227	164	63	32	12	26	16	24	39	50	26	2	0
May	297	225	72	36	6	26	15	39	64	80	27	4	0
June	242	192	50	10	2	27	18	38	54	63	26	4	0
July	287	234	53	22	13	23	24	38	65	66	35	1	0
August	276	224	52	22	8	35	20	49	47	55	35	5	0
September	274	215	59	16	14	33	21	39	60	65	19	5	2
October	348	288	60	20	23	26	27	51	79	86	27	7	2
November	449	311	138	56	40	62	47	80	72	65	26	0	1
Totals	3,542	2,716	826	304	178	418	287	518	709	766	311	46	5

STATEMENT NO. 2

Nativity of Inmates

Massachusetts, 1,250; Ireland, 641; British Provinces, 401; Maine, 160; New Hampshire, England, 104 each, 208; New York, 103; Italy, 79; Russia, 70; Connecticut, 51; Poland, 49; Rhode Island, 47; West Indies, 42; Pennsylvania, 40; Scotland, 39; Sweden, 33; Lithuania, 24; Germany, 20; New Jersey, 18; Portugal, Unknown, 15 each, 30; Virginia, 14; North Carolina, 13; Turkey; Illinois, 12 each, 24; Armenia, Finland, Georgia, Michigan, Ohio, 10 each, 50; Austria, Greece, 9 each, 18; Cape Verde Islands, France, 8 each, 16; China, 7; Kansas, 6; Denmark, Kentucky, Norway, 5 each, 15; Alabama, Iowa, Maryland, Missouri, Wisconsin, 4 each, 20; Albania, Bermuda, Minnesota, Macedonia, South Carolina, 3 each, 15; Arkansas, Azores, California, Florida, Holland, Indiana, Louisiana, Mississippi, Tennessee, West Indies, Wyoming, West Virginia, 2 each, 24; Arizona, Arabia, Alaska, Delaware, Madeira Islands, Montana, Oklahoma, Philippine Islands, Russia, Poland, Spain, Switzerland, Serbia, Texas, Wales, Washington, 1 each, 15.

MATERNITY TABLE

Months				Stillborn.		Living Births.		Twins	Birthplaces of Mothers.				
	Totals	Males	Females	Males	Females	Males	Females		United States	Ireland	British Provinces	Other Countries	Totals
1929													
December	8	4	4	-	-	4	4	-	5	1	2	-	8
1930													
January	9	5	4	-	-	5	4	-	8	-	1	-	9
February	18	8	10	1	-	7	10	-	14	2	2	-	18
March	12	6	6	-	-	6	6	-	12	-	-	-	12
April	25	15	10	-	2	15	8	1	22	1	2	-	25
May	15	7	8	-	-	7	8	1	9	2	2	2	15
June	3	1	2	-	-	1	2	-	2	1	-	0	3
July	13	9	4	-	1	9	3	-	8	2	1	2	13
August	11	6	5	-	-	6	5	-	8	-	1	2	11
September	8	5	3	-	-	5	3	-	6	1	-	1	8
October	11	6	5	-	-	6	5	-	6	1	1	3	11
November	14	8	6	-	1	8	5	-	10	-	3	1	14
Total	147	80	67	1	4	79	63	2	110	11	15	11	147

TABLE OF DISEASES

Detailed Int. List No.	Diseases	Patients			Discharged				Still in Institution
		Totals	Males	Females	Well	Relieved	Not Relieved	Died	
5	Malaria	1	1	-	-	-	-	-	1
7	Measles	18	10	8	15	-	-	3	-
8	Scarlet fever	4	4	-	4	-	-	-	-
10	Diphtheria	1	-	1	1	-	-	-	-
11	Influenza	4	4	-	3	-	-	-	1
21	Erysipelas	3	1	2	3	-	-	-	-
31	Tuberculosis of respiratory system	548	393	155	4	74	133	120	217
33	Tuberculosis of intestines and peritoneum	3	2	1	-	-	-	1	1
34	Tuberculosis of vertebral column	5	4	1	1	-	2	2	-
36	Tuberculosis of other organs	21	13	8	-	2	13	3	3
38a	Syphilis, primary and secondary	21	15	6	1	15	4	-	1
38b	Syphilis, tertiary	91	71	20	-	26	53	-	12
38c	Syphilis, congenital	23	10	13	2	2	4	10	5
38d	Syphilis, latent	57	25	32	6	8	19	-	24
40	Gonococcus infection	201	88	113	82	32	36	-	51
43	Cancer, buccal cavity	9	9	-	-	-	3	2	4
44	Cancer, stomach and liver	18	17	1	1	-	-	13	4
45	Cancer, intestines, peritoneum, and rectum	13	10	3	-	-	1	5	7
46	Cancer, female genital organs	9	-	9	-	-	-	7	2
47	Cancer, breast	6	-	6	1	-	-	2	3
48	Cancer, skin	11	10	1	1	1	3	4	2
49	Cancer, other organs	29	24	5	3	1	6	12	7
50	Benign tumors	8	6	2	2	1	2	2	1
52	Chronic rheumatism, osteoarthritis	256	227	29	8	46	74	1	127
57	Diabetes mellitus	53	45	8	3	5	23	3	19
58a	Anemia, pernicious	9	7	2	1	1	2	1	4
58b	Other anemias	1	-	1	-	1	-	-	-
60a	Exophthalmic goitre	4	2	2	-	1	3	-	-
60b	Other diseases of thyroid	1	1	-	-	-	1	-	-
63	Diseases of adrenals	2	2	-	-	-	-	1	-
65	Leukemia and Hodgkins' Disease	1	1	-	-	-	2	-	-
66	Alcoholism	140	138	2	89	15	4	-	32
68	Drug habit	6	4	2	-	3	2	-	1
70	Encephalitis	12	11	1	-	-	4	1	7
71	Meningitis	1	1	-	1	-	-	-	-
72	Tabes dorsalis	38	34	4	-	1	12	4	21
73	Other diseases of spinal cord	16	11	5	-	-	7	1	8
74	Cerebral hemorrhage	40	36	4	-	4	6	20	10
75	Hemiplegia	129	91	38	1	6	15	2	105
76	General paralysis of insane	2	2	-	-	-	-	1	1
77	Other forms of mental alienation	110	60	50	-	-	81	-	29
78	Epilepsy	13	10	3	-	1	6	-	6
81	Chorea	13	7	6	-	-	8	-	5
82	Neuralgia and neuritis	74	67	7	2	14	12	-	46
84	Other diseases of nervous system	52	33	19	-	2	7	2	41
84b	Feeble-minded	31	17	14	-	-	6	-	25
85	Diseases of eye and adnexa	89	79	10	6	2	27	-	54
86	Diseases of ear	46	31	15	28	3	3	4	8
87	Pericarditis	1	1	-	-	-	-	1	-
88	Myocarditis, endocarditis	204	159	45	-	17	48	72	67
89	Angina pectoris	7	5	2	-	1	1	2	3
90	Other diseases of heart	112	107	5	-	8	54	9	41
91a	Aneurysm	2	2	-	1	-	1	-	-
91b	Arteriosclerosis	900	751	149	-	5	297	156	442
92	Embolism and thrombosis	2	2	-	-	-	-	2	-
93a	Diseases of the veins	78	72	6	3	1	65	-	9
93b	Varicose ulcers	58	51	7	4	11	8	-	35
97	Diseases of nasal fossae	4	3	1	3	-	1	-	-
98	Diseases of larynx	3	3	-	-	1	-	-	2
99a	Acute bronchitis	50	49	1	45	2	1	-	2
99b	Chronic bronchitis	110	101	9	3	48	25	-	34
100	Bronchopneumonia	9	8	1	5	-	-	4	-
101	Lobar pneumonia	26	24	2	16	-	-	10	-
102	Pleurisy	30	29	1	5	2	10	-	13
104	Abscess of lung	3	2	1	-	1	-	1	1
105	Asthma	29	26	3	-	4	10	1	14
106	Pulmonary emphysema	2	2	-	-	-	2	-	-
107	Other diseases of respiratory system	3	3	-	-	2	1	-	-
108	Diseases of the mouth	4	4	-	1	2	1	-	-
109	Diseases of the pharynx and tonsils	41	22	19	36	3	2	-	-
111	Ulcer of stomach and duodenum	22	19	3	1	11	2	1	7
112	Other diseases of stomach	20	20	-	-	3	1	-	16
113	Diarrhea and enteritis (under 2)	16	10	6	5	-	-	11	-
114	Diarrhea and enteritis (over 2)	10	9	1	3	5	1	-	1
117	Appendicitis	8	5	3	5	-	1	2	-

TABLE OF DISEASES — *Continued*

Detailed Int. List No.	Diseases	Patients			Discharged				Still in Institution
		Totals	Males	Females	Well	Relieved	Not Relieved	Died	
118	Hernia	127	124	3	21	1	64	—	41
119	Other diseases of intestines	40	37	3	7	7	10	—	16
122	Cirrhosis of liver	2	2	—	—	—	—	—	2
124	Other diseases of the liver	14	11	3	5	3	4	2	—
127	Other diseases of digestive system	4	3	1	1	1	2	—	1
128	Acute nephritis	1	—	1	—	—	—	—	—
129	Chronic nephritis	16	13	3	1	2	3	3	7
131	Other diseases of kidneys and adnexa	8	5	3	2	—	—	—	6
133	Diseases of bladder	9	8	1	4	5	—	—	—
134	Stricture of urethra	6	6	—	—	3	—	—	3
135	Diseases of prostate	14	14	—	1	1	4	2	6
136	Non-venereal diseases of male genital or- gans	23	23	—	14	3	6	—	—
138	Salpingitis	5	—	5	4	1	—	—	—
141	Other diseases of female genital organs	25	—	25	21	1	3	—	—
143a	Pregnancy	183	—	183	145	—	17	—	21
143b	Convalescent parturition	44	—	44	31	—	—	—	13
151	Gangrene	6	5	1	—	—	1	1	4
153	Acute abscess	12	10	2	8	2	—	1	1
153b	Scabies	17	12	5	17	—	—	—	—
154	Other diseases of skin and adnexa	173	152	21	91	23	18	—	41
155	Diseases of bones and joints	20	16	4	3	3	2	—	12
157	Amputations	37	36	1	3	—	11	—	23
158	Other diseases of organs of locomotion	50	50	—	29	7	13	—	1
159a	Hydrocephalus	4	3	1	—	—	—	4	—
159b	Spina bifida	2	—	2	—	—	—	2	—
159c	Congenital idiocy	9	6	3	—	—	—	1	8
159d	Others under this title	8	6	2	—	—	2	4	2
161a	Prematurity	6	3	3	1	—	—	3	2
161b	Stillborn	5	1	4	—	—	—	5	—
162	Atalectasis	1	1	—	—	—	—	1	—
162a	Infancy	169	99	70	128	—	—	—	41
171	Suicide (by cutting instrument)	1	1	—	—	—	—	1	—
179	Accidental burns	8	6	2	4	2	—	1	1
182	Accidental drowning	1	1	—	—	—	—	1	—
183	Accidental traumatism (by firearms)	1	1	—	—	—	—	—	1
185	Accidental traumatism (by fall)	1	—	1	—	—	—	1	—
193a	Frost-bites	9	9	—	7	—	—	—	2
201a	Fractures and Dislocations	132	120	12	47	19	25	—	41
201b	Sprains	81	79	2	18	4	2	—	57
202	Contusions and abrasions	41	40	1	31	—	—	—	10
203	Concussion of brain	1	1	—	—	—	—	—	1
206	No disease	462	364	98	178	—	—	—	284
	Totals	5,775	4,390	1,385	1,228	482	1,303	532	2,230

TABLE OF DEATHS

Detailed Int. List No.	Causes of Death	Totals	Males	Females	Table of Ages											
					Under 1 Year	1-5	5-10	10-20	20-30	30-40	40-50	50-60	60-70	70-80	80-90	90-100
7	Measles	3	—	3	2	1	—	—	—	—	—	—	—	—	—	—
31	T. B. respiratory system	120	82	38	1	4	—	5	26	34	22	14	13	1	—	—
33	T. B. intestines	1	1	—	—	—	—	—	—	—	—	1	—	—	—	—
34	T. B. vertebral column	2	1	1	—	—	—	—	—	—	2	—	—	—	—	—
36	T. B. other organs	3	2	1	—	—	—	—	1	1	—	—	1	—	—	—
38a	Syphilis, congenital	10	4	6	9	1	—	—	—	—	—	—	—	—	—	—
43	Cancer, buccal cavity	2	2	—	—	—	—	—	—	—	1	—	1	—	—	—
44	Cancer, stomach	13	13	—	—	—	—	—	—	—	—	4	3	6	—	—
45	Cancer, intestines	5	4	1	—	—	—	—	—	—	—	—	3	2	—	—
46	Cancer, female genitals	7	—	7	—	—	—	—	4	1	—	—	1	1	—	—
47	Cancer, breast	2	—	2	—	—	—	—	—	—	—	—	1	—	—	—
48	Cancer, skin	4	4	—	—	—	—	—	—	1	1	—	1	—	2	1
49	Cancer, other organs	12	11	1	—	—	—	—	—	1	1	—	3	6	1	—
50	Benign tumors	2	2	—	—	—	—	—	1	1	—	—	—	—	—	—
52	Chronic arthritis	1	—	1	—	—	—	—	—	—	—	—	—	1	—	—
57	Diabetes mellitus	3	—	3	—	—	—	—	—	—	1	—	2	—	—	—
58	Anemia, pernicious	1	1	—	—	—	—	—	—	1	—	—	—	—	—	—
63	Diseases of adrenals	1	1	—	—	—	—	—	1	1	—	—	—	—	—	—
70	Encephalitis	1	1	—	—	—	—	—	—	—	—	—	—	—	—	—
72	Tuberc dorsalis	4	2	2	—	—	—	—	1	—	1	1	1	—	—	—
73	Other diseases of spinal cord	1	—	1	—	—	—	—	—	—	—	—	—	—	—	—
74	Cerebral hemorrhage	20	19	1	—	—	—	—	—	1	1	6	6	5	1	—
75	Hemiplegia	2	2	—	—	—	—	—	—	—	—	—	—	—	1	—
76	General paralysis of insane	1	1	—	—	—	—	—	—	1	—	1	—	—	—	—
86	Diseases of ear	4	2	2	4	—	—	—	—	—	—	—	—	—	—	—
84	Other diseases of nervous system	2	—	2	—	—	—	—	—	—	—	—	1	1	—	—
87	Pericarditis	1	1	—	—	—	—	—	—	—	—	1	—	—	—	—
88	Endocarditis and myocarditis	72	50	22	—	—	1	1	—	2	5	14	26	16	7	—
89	Angina pectoris	2	1	1	—	—	—	—	—	—	—	2	—	—	—	—
90	Other diseases of heart	9	8	1	—	—	—	—	—	1	3	3	2	—	—	—
91b	Arteriosclerosis	156	110	46	—	—	—	—	—	—	1	4	31	67	49	4
92	Embolism and thrombosis	2	2	—	—	—	—	—	—	—	1	—	—	1	—	—
100	Broncho-pneumonia	4	3	1	1	1	—	—	—	—	—	—	1	—	—	—
101	Lobar pneumonia	10	9	1	1	—	—	—	1	—	1	1	4	2	—	—
104	Abscess of lung	1	1	—	—	—	—	1	—	—	—	—	—	—	—	—
105	Asthma	1	1	—	—	—	—	—	—	—	—	—	—	1	—	—
111	Ulcer of stomach	1	1	—	—	—	—	—	—	—	—	1	—	—	—	—
113	Diarrhea, enteritis (under 2)	11	6	5	11	—	—	—	—	—	—	—	—	—	—	—
117	Appendicitis	2	2	—	—	—	—	—	—	1	—	1	—	—	—	—
124	Other diseases of liver	2	2	—	—	—	—	—	—	—	—	—	1	1	—	—
129	Chronic nephritis	3	2	1	—	—	—	—	—	—	1	—	2	—	—	—
135	Diseases of prostate	2	2	—	—	—	—	—	—	—	—	—	—	1	1	—
151	Gangrene	1	1	—	—	—	—	—	—	—	—	—	1	—	—	—
153	Acute abscess	1	1	—	1	—	—	—	—	—	—	—	—	—	—	—
159a	Hydrocephalus	4	3	1	2	1	1	—	—	—	—	—	—	—	—	—
159b	Spina bifida	2	—	2	1	1	—	—	—	—	—	—	—	—	—	—
159c	Congenital idiocy	1	1	—	—	1	—	—	—	—	—	—	—	—	—	—
161a	Prematurity	3	3	—	3	—	—	—	—	—	—	—	—	—	—	—
161b	Stillborn	5	1	4	5	—	—	—	—	—	—	—	—	—	—	—
162	Atalectasis	1	1	—	1	—	—	—	—	—	—	—	—	—	—	—
171	Suicide (by cutting instrument)	1	1	—	—	—	—	—	—	—	1	—	—	—	—	—
179	Accidental burns	1	—	1	—	1	—	—	—	—	—	—	—	—	—	—
182	Accidental drowning	1	1	—	—	—	—	—	—	—	1	—	—	—	—	—
185	Accidental traumatism (by fall)	1	—	1	—	—	—	—	—	1	—	—	—	—	—	—
	Totals	532	372	160	43	14	2	7	32	49	46	54	106	112	62	5

STATISTICAL TABLES

AS ADOPTED BY THE AMERICAN PSYCHIATRIC ASSOCIATION AND THE NATIONAL COMMITTEE FOR MENTAL HYGIENE

TABLE 1.—General Information

Data correct at end of hospital year, November 30, 1930.

1. Date of opening as a hospital for mental diseases: 1856.									
2. Type of hospital: State.									
3. Hospital plant:									
Value of hospital property:									
Real estate, including buildings									\$2,170,238.06
Personal property									484,687.81
Total									\$2,654,925.87
Total acreage of hospital property owned: 894.									
Additional acreage rented: 520.									
Total acreage under cultivation during previous year: 370.									
4. Officers and employees (Nov. 30, 1930):	Actually in Service at End of Year.			Vacancies at End of Year.					
	M.	F.	T.	M.	F.	T.			
Superintendents	1	—	1	—	—	—			
Assistant physicians	11	2	13	—	—	—			
Medical internes	—	—	—	—	—	—			
Clinical assistants	—	—	—	—	—	—			
Total physicians	12	2	14	—	—	—			
Stewards	1	—	1	—	—	—			
Resident dentists	1	—	1	—	—	—			
Pharmacists	0	1	1	—	—	—			
Graduate nurses	3	32	35	—	—	—			
Other nurses and attendants	54	145	199	4	15	19			
Occupational therapists	1	4	5	—	—	—			
Social workers	—	—	—	—	—	—			
All other officers and employees	149	86	235	1	1	2			
Total officers and employees	221	270	491	5	16	21			
5. Census of patient population at end of year (September 30, 1930):	Actually in Hospital.			Absent from Hospital but Still on Books.					
	M.	F.	T.	M.	F.	T.			
White:									
Insane	237	530	767	3	3	6			
Mental defectives	9	23	32	—	1	1			
Total	246	553	799	3	4	7			
Other Races:									
Insane	7	1	8	—	—	—			
Total	7	1	8	—	—	—			
Grand Total	253	554	807	3	4	7			
6. Patients under treatment in occupational-therapy classes, including physical training, on date of report				Males.	Females.	Total			
7. Other patients employed in general work of hospital no date of report				7	12	19			
8. Average daily number of all patients actually in hospital during year				147	252	399			
9. Voluntary patients admitted during year				245.9	556.2	802.1			
10. Persons given advice or treatment in out-patient clinics during year				—	—	—			

TABLE 2.—Financial Statement

See treasurer's report for data requested under this table.

Note:—The following Tables 3 to 18, inclusive, are for the year ended September 30, 1930.

TABLE 3.—*Movement of Insane Patient Population*

	Insane		
	M.	F.	T
1. Insane patients on books of hospital at beginning of hospital year:			
(a) In hospital	239	549	788
(b) On parole or otherwise absent	11	9	20
Total	250	558	808
2. Admissions during year:			
(a) First admissions	30	18	48
(b) Readmissions	1	1	2
(c) Transfers from other hospitals for mental diseases	4	20	24
3. Total received during year	35	39	74
4. Total on books during year	285	597	882
5. Discharged from books during year:			
(a) As recovered	—	—	—
(b) As improved	5	5	10
(c) As unimproved	2	1	3
(d) As without psychosis	—	—	—
(e) Transferred to other hospitals for mental diseases	1	5	6
(f) Died during year	21	28	49
6. Total discharged, transferred and died during year	29	39	68
7. Insane patients remaining on books of hospital at end of hospital year:			
(a) In hospital	253	554	807
(b) On parole or otherwise absent	3	4	7
Total	256	558	814

TABLE 4.—*Nativity of First Admissions and of Parents of First Admissions*

Nativity	Patients			Parents of Male Patients			Parents of Female Patients		
	M	F	T	Fathers	Mothers	Both Parents	Fathers	Mothers	Both Parents
United States.	16	8	24	8	8	7	5	3	3
Canada*	1	2	3	2	1	1	2	3	2
China	1	—	1	1	1	1	—	—	—
England	—	1	1	—	1	—	2	—	—
Finland	1	—	1	1	1	1	—	—	—
Ireland	4	3	7	10	10	9	3	5	3
Italy	2	2	4	2	2	2	3	4	3
Poland	2	1	3	1	1	1	2	2	2
Russia	1	1	2	1	1	1	—	—	—
Sweden	2	—	2	2	2	2	—	—	—
Other countries	—	—	—	2	2	2	1	1	1
Total	30	18	48	30	30	27	18	18	14

* Includes Newfoundland

TABLE 4a.—*Age of First Admissions Classified with Reference to Nativity, and Length of Residence in the United States of the Foreign Born*

Age Groups	Aggregate	Native Born												Foreign Born																											
		Parentage												Time in U. S. before Admission																											
																										Total															
		Total						Native						Foreign						Mixed						Total						Under 5 years						15 years and over			
Under 15 years	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T								
15-19 years	-	-	1	1	-	-	1	1	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-							
20-24 years	-	-	2	2	-	-	1	1	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-							
25-29 years	-	3	3	6	2	1	3	4	-	1	1	4	1	1	1	1	1	-	-	1	1	1	1	2	3	-	-	-	-	1	2	3	-	-	-						
30-34 years	-	1	3	4	1	3	4	1	1	2	-	-	-	-	-	-	-	2	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-							
35-39 years	-	2	1	3	1	-	1	1	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-							
40-44 years	-	1	1	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-							
45-49 years	-	4	-	4	2	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-							
50-54 years	-	7	-	7	6	-	6	2	-	2	3	-	3	-	3	1	-	1	-	1	-	1	-	1	-	-	-	-	-	-	-	-	-	-							
55-59 years	-	4	4	8	-	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-							
60-64 years	-	6	1	7	3	1	4	2	1	3	1	-	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-							
65-69 years	-	1	1	2	1	-	1	1	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-							
70 years and over	-	1	1	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-							
Unascertained	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-							
Total	30	18	48	16	8	24	7	3	10	6	2	8	3	3	6	14	10	24	-	1	1	14	9	23																	

M — Male. F — Female. T — Total.

TABLE 5.—*Citizenship of First Admission*

	Males.	Females.	Total
Citizens by birth	16	8	24
Citizens by naturalization	4	—	4
Aliens	10	10	20
Citizenship unascertained	—	—	—
Total	30	18	48

TABLE 6.—*Psychoses of First Admissions*

Psychoses	M	F	T	M	F	T
Senile psychoses	—	—	—	2	2	4
Psychoses with cerebral arteriosclerosis	—	—	—	7	2	9
General paralysis	—	—	—	4	—	4
Psychoses with cerebral syphilis	—	—	—	2	—	2
Psychoses with Huntington's chorea	—	—	—	2	—	2
Psychoses with brain tumor	—	—	—	—	—	—
Psychoses with other brain or nervous diseases, total	—	—	—	—	1	1
Paralysis agitans	—	1	1	—	—	—
Alcoholic psychoses, total	—	—	—	3	1	4
Acute hallucinosis	—	1	1	—	—	—
Other types, acute or chronic	3	—	3	—	—	—
Psychoses with pellagra	—	—	—	1	—	1
Psychoses with other somatic diseases, total	—	—	—	—	1	1
Diseases of the ductless glands	—	1	1	—	—	—
Manic-depressive psychoses, total	—	—	—	—	2	2
Manic type	—	1	1	—	—	—
Depressive type	—	1	1	—	—	—
Dementia praecox (schizophrenia)	—	—	—	4	2	6
Paranoia and paranoid conditions	—	—	—	1	—	1
Epileptic psychoses	—	—	—	1	—	1
Psychoses with mental deficiency	—	—	—	3	3	6
Undiagnosed psychoses	—	—	—	—	1	1
Without psychosis, total	—	—	—	—	3	3
Mental deficiency without psychosis	—	3	3	—	—	—
Total				30	18	48

TABLE 7.—*Race of First Admissions Classified with Reference to Principal Psychoses*

Race.	Total.			Senile.	With cerebral arterio-sclerosis	General paralysis	With cerebral syphilis	With Huntington's chorea	With other brain or nervous diseases	Alcoholic	With pellagra
	M	F	T.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.
Chinese	1	—	1	—	—	1	—	—	—	—	—
English	5	5	10	—	3	1	—	—	—	1	—
Finnish	1	—	1	—	—	—	—	—	—	—	—
French	2	—	2	—	—	1	—	—	—	—	—
Irish	10	5	15	2	1	—	2	—	1	2	1
Italian*	2	3	5	—	—	1	—	1	—	—	—
Scandinavian†	2	—	2	—	1	—	—	—	—	—	—
Scotch	1	—	1	—	—	—	—	—	—	—	1
Slavonic‡	2	2	4	—	1	—	—	—	1	—	—
Syrian	—	1	1	—	—	—	—	—	—	—	—
Other specific races	1	—	1	—	—	—	—	—	—	—	—
Mixed	3	2	5	—	2	—	—	—	—	—	—
Total	30	18	48	2	7	4	2	2	—	3	1

* Includes "North" and "South."

† Norwegians, Danes and Swedes.

‡ Includes Bohemian, Bosnian, Croatian, Dalmatian, Herzegovinian, Montenegrin, Moravian, Polish, Russian, Ruthenian, Servian, Slovak, Slovenian.

M—Male. F—Female. T—Total.

TABLE 7.—*Race of First Admissions Classified with Reference to Principal Psychoses*
—Concluded

Race.	With other somatic diseases.		Manic-depressive.		Dementia praecox.		Paranoia and paranoid conditions.		Epileptic psychoses.		With mental deficiency.		Undiagnosed psychoses.		Without psychosis.	
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
Chinese	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
English	—	—	—	1	—	—	—	—	—	—	1	2	—	—	—	—
Finnish	—	—	—	—	—	—	—	—	1	—	—	—	—	—	—	—
French	—	—	—	—	—	—	—	—	—	—	1	—	—	—	—	—
Irish	—	—	—	—	—	2	—	—	—	—	1	—	—	—	—	1
Italian*	—	—	—	1	—	—	1	—	—	—	—	—	—	—	—	1
Scandinavian†	—	—	—	—	1	—	—	—	—	—	—	—	—	—	—	1
Scotch	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Slavonic‡	—	—	—	—	1	—	—	—	—	—	—	—	1	—	—	—
Syrian	—	—	—	—	—	—	—	—	—	—	1	—	—	—	—	—
Other specific races	—	—	—	—	1	—	—	—	—	—	—	—	—	—	—	—
Mixed	—	1	—	—	1	—	—	—	—	—	—	—	—	—	—	1
Total	—	1	—	2	4	2	1	—	1	—	3	3	—	1	—	3

* Includes "North" and "South."

† Norwegians, Danes and Swedes.

‡ Includes Bohemian, Bosnian, Croatian, Dalmatian, Herzegovinian, Montenegrin, Moravian, Polish, Russian, Ruthenian, Servian, Slovak, Slovenian.

TABLE 8.—*Age of First Admissions Classified with Reference to Principal Psychoses*

Psychoses	Total			15-19		20-24		25-29		30-34		35-39		40-44		45-49		50-54		55-59		60-64		65-69		70 years and over	
	M	F	T	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
Senile	2	2	4	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
With cerebral arteriosclerosis	7	2	9	—	—	—	—	—	—	—	—	—	—	—	—	2	—	1	1	2	1	1	—	1	—	1	
General paralysis	4	—	4	—	—	—	—	—	—	1	—	—	—	—	—	—	—	2	—	—	—	—	—	—	—	—	
With cerebral syphilis	2	—	2	—	—	—	—	—	—	—	—	—	—	—	—	2	—	—	—	—	—	—	—	—	—	—	
With Huntington's chorea	2	—	2	—	—	—	—	—	—	—	—	—	—	—	1	—	1	—	—	—	—	—	—	—	—	—	
With other brain or nervous diseases	—	1	1	—	—	—	—	—	—	—	—	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Alcoholic	3	1	4	—	—	—	—	—	—	—	—	—	—	—	—	2	—	1	1	—	—	—	—	—	—	—	
With pellagra	1	—	1	—	—	—	—	—	—	—	—	—	—	—	1	—	—	—	—	—	—	—	—	—	—	—	
With other somatic diseases	—	1	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	—	—	—	—	—	—	—	—	
Manic-depressive	—	2	2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Dementia praecox	4	2	6	—	—	1	3	1	—	—	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Paranoia and paranoid conditions	1	—	1	—	—	—	—	—	—	—	—	—	—	1	—	—	—	—	—	—	—	—	—	—	—	—	
Epileptic psychoses	1	—	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	—	—	—	—	—	—	—	
With mental deficiency	3	3	6	—	1	—	—	—	—	1	1	—	—	—	—	2	—	—	—	—	—	1	—	—	—	—	
Undiagnosed psychoses	—	1	1	—	—	—	—	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Without psychosis	—	3	3	—	—	1	—	1	—	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Total	30	18	48	—	1	—	2	3	3	1	3	2	1	1	1	4	—	7	—	4	4	6	1	1	1	1	

M — Male. F — Female. T — Total.

TABLE 9.—*Degree of Education of First Admissions Classified with Reference to Principal Psychoses*

Psychoses	Total			Illit- erate		Reads and writes*		Common school		High school		College		Unas- certained	
	M	F	T	M	F	M	F	M	F	M	F	M	F	M	F
Senile	2	2	4	—	—	2	1	—	1	—	—	—	—	—	—
With cerebral arteriosclerosis	7	2	9	1	1	1	1	—	—	1	—	1	—	1	—
General paralysis	4	—	4	—	—	—	—	2	—	1	—	—	—	1	—
With cerebral syphilis	2	—	2	—	—	—	—	2	—	—	—	—	—	—	—
With Huntington's chorea	2	—	2	—	—	2	—	—	—	—	—	—	—	—	—
With other brain or nervous diseases	—	1	1	—	—	—	—	—	1	—	—	—	—	—	—
Alcoholic	3	1	4	—	1	1	—	2	—	—	—	—	—	—	—
With pellagra	1	—	1	—	—	—	—	1	—	—	—	—	—	—	—
With other somatic diseases	—	1	1	—	—	—	—	—	—	1	—	—	—	—	—
Manic-depressive	—	2	2	—	—	—	1	—	—	—	—	—	—	—	1
Dementia praecox	4	2	6	—	—	3	1	1	—	—	1	—	—	—	—
Paranoia and paranoid conditions	1	—	1	—	—	1	—	—	—	—	—	—	—	—	—
Epileptic psychoses	1	—	1	—	—	1	—	—	—	—	—	—	—	—	—
With mental deficiency	3	3	6	—	—	2	3	1	—	—	—	—	—	—	—
Undiagnosed psychoses	—	1	1	—	1	—	—	—	—	—	—	—	—	—	—
Without psychosis	—	3	3	—	1	—	2	—	—	—	—	—	—	—	—
Total	30	18	48	1	4	13	9	11	2	2	2	1	—	2	1

* Includes those who did not complete fourth grade in school.

TABLE 10.—*Environment of First Admissions Classified with Reference to Principal Psychoses*

Psychoses	Total			Urban			Rural		
	M	F	T	M	F	T	M	F	T
Senile	2	2	4	2	2	4	—	—	—
With cerebral arteriosclerosis	7	2	9	7	2	9	—	—	—
General paralysis	4	—	4	4	—	4	—	—	—
With cerebral syphilis	2	—	2	2	—	2	—	—	—
With Huntington's chorea	2	—	2	2	—	2	—	—	—
With other brain or nervous diseases	—	1	1	—	1	1	—	—	—
Alcoholic	3	1	4	3	1	4	—	—	—
With pellagra	1	—	1	1	—	1	—	—	—
With other somatic diseases	—	1	1	—	1	1	—	—	—
Manic-depressive	—	2	2	—	2	2	—	—	—
Dementia praecox	4	2	6	4	2	6	—	—	—
Paranoia and paranoid conditions	1	—	1	1	—	1	—	—	—
Epileptic psychoses	1	—	1	1	—	1	—	—	—
With mental deficiency	3	3	6	3	3	6	—	—	—
Undiagnosed psychoses	—	1	1	—	1	1	—	—	—
Without psychosis	—	3	3	—	3	3	—	—	—
Total	30	18	48	30	18	48	—	—	—

TABLE 11.—*Economic Condition of First Admissions Classified with Reference to Principal Psychoses*

Psychoses	Total			Dependent			Marginal			Comfortable		
	M	F	T	M	F	T	M	F	T	M	F	T
Senile	2	2	4	—	—	—	2	2	4	—	—	—
With cerebral arteriosclerosis	7	2	9	—	1	1	6	1	7	1	—	1
General paralysis	4	—	4	1	—	1	3	—	3	—	—	—
With cerebral syphilis	2	—	2	1	—	1	1	—	1	—	—	—
With Huntington's chorea	2	—	2	—	—	—	2	—	2	—	—	—
With other brain or nervous diseases	—	1	1	—	—	—	—	1	1	—	—	—
Alcoholic	3	1	4	—	—	—	3	1	4	—	—	—
With pellagra	1	—	1	—	—	—	1	—	1	—	—	—
With other somatic diseases	—	1	1	—	—	—	—	1	1	—	—	—
Manic-depressive	—	2	2	—	1	1	—	1	1	—	—	—
Dementia praecox	4	2	6	1	1	2	3	1	4	—	—	—
Paranoia and paranoid conditions	1	—	1	—	—	—	1	—	1	—	—	—
Epileptic psychoses	1	—	1	—	—	—	1	—	1	—	—	—
With mental deficiency	3	3	6	—	1	1	3	2	5	—	—	—
Undiagnosed psychoses	—	1	1	—	—	—	—	1	1	—	—	—
Without psychosis	—	3	3	—	1	1	—	2	2	—	—	—
Total	30	18	48	3	5	8	26	13	39	1	—	1

M — Male. F — Female. T — Total

TABLE 12.—*Use of Alcohol by First Admissions Classified with Reference to Principal Psychoses*

Psychoses	Total			Abstinent			Temperate			Intemperate		
	M	F	T	M	F	T	M	F	T	M	F	T
Senile	2	2	4	1	2	3	1	—	1	—	—	—
With cerebral arteriosclerosis	7	2	9	4	2	6	—	—	—	3	—	3
General paralysis	4	—	4	4	—	4	—	—	—	—	—	—
With cerebral syphilis	2	—	2	—	—	—	—	—	—	2	—	2
With Huntington's chorea	2	—	2	—	—	—	1	—	1	1	—	1
With other brain or nervous diseases	—	1	1	—	1	1	—	—	—	—	—	—
Alcoholic	3	1	4	—	—	—	—	—	—	3	1	4
With pellagra	1	—	1	—	—	—	—	—	—	1	—	1
With other somatic diseases	—	1	1	—	1	1	—	—	—	—	—	—
Manic-depressive	—	2	2	—	2	2	—	—	—	—	—	—
Dementia praecox	4	2	6	1	2	3	2	—	2	1	—	1
Paranoia and paranoid conditions	1	—	1	—	—	—	1	—	1	—	—	—
Epileptic psychoses	1	—	1	—	—	—	1	—	1	—	—	—
With mental deficiency	3	3	6	1	3	4	1	—	1	1	—	1
Undiagnosed psychoses	—	1	1	—	1	1	—	—	—	—	—	—
Without psychosis	—	3	3	—	3	3	—	—	—	—	—	—
Total	30	18	48	11	17	28	7	—	7	12	1	13

TABLE 13.—*Marital Condition of First Admissions Classified with Reference to Principal Psychoses*

Psychoses	Total			Single			Married			Widowed			Divorced		
	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T
Senile	2	2	4	1	—	1	—	1	1	1	1	2	—	—	—
With cerebral arteriosclerosis	7	2	9	2	—	2	4	1	5	1	1	2	—	—	—
General paralysis	4	—	4	2	—	2	2	—	2	—	—	—	—	—	—
With cerebral syphilis	2	—	2	1	—	1	1	—	1	—	—	—	—	—	—
With Huntington's chorea	2	—	2	2	—	2	—	—	—	—	—	—	—	—	—
With other brain or nervous diseases	—	1	1	—	—	—	—	—	—	—	—	—	—	1	1
Alcoholic	3	1	4	2	1	3	—	—	—	1	—	1	—	—	—
With pellagra	1	—	1	—	—	—	1	—	1	—	—	—	—	—	—
With other somatic diseases	—	1	1	—	—	—	—	1	1	—	—	—	—	—	—
Manic-depressive	—	2	2	—	1	1	—	1	1	—	—	—	—	—	—
Dementia praecox	4	2	6	4	2	6	—	—	—	—	—	—	—	—	—
Paranoia and paranoid conditions	1	—	1	1	—	1	—	—	—	—	—	—	—	—	—
Epileptic psychoses	1	—	1	—	—	—	—	—	—	1	—	1	—	—	—
With mental deficiency	3	3	6	2	3	5	—	—	—	—	—	—	1	—	1
Undiagnosed psychoses	—	1	1	—	—	—	—	1	1	—	—	—	—	—	—
Without psychosis	—	3	3	—	3	3	—	—	—	—	—	—	—	—	—
Total	30	18	48	17	10	27	8	5	13	4	2	6	1	1	2

TABLE 14.—*Psychoses of Readmissions*

Psychoses	M	F	T
Alcoholic psychoses	1	—	1
Paranoia and paranoid conditions	—	1	1
Total	1	1	2

M — Male. F — Female. T — Total.

TABLE 15.—*Discharges of Patients Classified with Reference to Principal Psychoses and Condition on Discharge*

Psychoses	Total			Recovered			Improved			Unimproved		
	M	F	T	M	F	T	M	F	T	M	F	T
With cerebral arteriosclerosis	1	—	1	—	—	—	—	—	—	1	—	1
Alcoholic	3	—	3	—	—	—	2	—	2	1	—	1
With other somatic diseases	3	—	2	—	—	—	2	—	2	—	—	—
Manic-depressive	1	—	1	—	—	—	1	—	1	—	—	—
Dementia praecox	—	4	4	—	—	—	—	3	3	—	1	1
Paranoia and paranoid conditions	—	1	1	—	—	—	—	1	1	—	—	—
Undiagnosed psychoses	—	1	1	—	—	—	—	1	1	—	—	—
Total	7	6	13	—	—	—	5	5	10	2	1	3

TABLE 16.—*Causes of Death of Patients Classified with Reference to Principal Psychoses*

Causes of Death	Total			Senile		With Cerebral Arteriosclerosis		General Paralysis		Alcoholic		Manic-depressive		Involution Melancholia	
	M	F	T	M	F	M	F	M	F	M	F	M	F	M	F
Tuberculosis of the respiratory system	3	3	6	—	—	—	—	—	—	—	—	—	—	1	—
Other infectious diseases	—	2	2	—	1	—	—	—	—	—	—	—	—	—	—
Cancer and other malignant tumors	—	4	4	—	—	—	—	—	—	—	—	—	—	—	—
Pellagra	1	—	1	—	—	—	—	—	—	—	—	—	—	—	—
General paralysis of the insane	4	—	4	—	—	—	—	3	—	—	—	—	—	—	—
Epilepsy	1	1	2	—	—	—	1	—	—	—	—	—	—	—	—
Chorea	—	1	1	—	—	—	—	—	—	—	—	—	—	—	—
Endocarditis and myocarditis	2	5	7	—	—	—	1	—	—	1	—	—	—	—	—
Arteriosclerosis	7	8	15	4	4	1	—	—	—	—	—	—	—	—	1
Lobar pneumonia	2	2	4	1	1	1	—	—	—	—	—	1	—	—	—
Hernia and intestinal obstruction	1	—	1	—	—	—	—	—	—	—	—	—	—	—	—
Nephritis	—	1	1	—	—	—	1	—	—	—	—	—	—	—	—
Suicide	—	1	1	—	—	—	—	—	—	1	—	—	—	—	—
Total	21	28	49	5	6	2	3	3	—	1	1	—	1	1	1

TABLE 16.—*Causes of Death of Patients Classified with Reference to Principal Psychoses.—Concluded*

Causes of Death	Dementia Praecox		Paranoia and Paranoid Conditions		Epileptic Psychoses		With Mental Deficiency		All Other Psychoses*	
	M	F	M	F	M	F	M	F	M	F
Tuberculosis of the respiratory system	1	3	—	—	—	—	—	—	1	—
Other infectious diseases	—	1	—	—	—	—	—	—	—	—
Cancer and other malignant tumors	—	3	—	—	—	—	—	1	—	—
Pellagra	—	—	—	—	—	—	—	—	1	—
General paralysis of the insane	—	—	—	—	—	—	—	—	1	—
Epilepsy	—	—	—	—	1	—	—	—	—	—
Chorea	—	—	—	—	—	—	—	—	—	1
Endocarditis and myocarditis	—	2	—	—	—	—	—	—	1	2
Arteriosclerosis	2	2	—	1	—	—	—	—	—	—
Hernia and intestinal obstruction	—	—	—	—	—	—	1	—	—	—
Total	3	11	—	1	1	—	1	1	4	3

* Includes group 22, "without psychosis."

M — Male. F — Female. T — Total.

TABLE 17.—*Age of Patients at Time of Death Classified with Reference to Principal Psychoses*

Psychoses	Total			35-39		40-44		45-49		50-54		55-59		60-64		65-69		Over 70	Unascertained
	M	F	T	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
Senile	5	6	11	—	—	—	—	—	—	—	—	—	—	1	—	—	1	4	5
With cerebral arteriosclerosis	2	3	5	—	—	—	—	—	—	—	—	—	—	1	3	—	—	—	—
General paralysis	3	—	3	1	—	—	—	—	—	1	—	—	—	1	—	—	—	1	—
With cerebral syphilis	1	—	1	—	—	—	—	—	—	1	—	—	—	—	—	—	—	—	—
With Huntington's chorea	—	1	1	—	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Alcoholic	1	1	2	—	—	—	—	1	—	—	—	1	—	—	—	—	—	—	—
With pellagra	1	—	1	—	—	—	—	1	—	—	—	—	—	—	—	—	—	—	—
With other somatic diseases	2	2	4	—	—	—	—	—	—	1	1	1	—	—	—	1	—	—	—
Manic-depressive	—	1	1	—	—	—	—	—	—	—	1	—	—	—	—	—	—	—	—
Involution melancholia	1	1	2	—	—	—	—	—	—	—	—	1	—	—	—	—	—	—	1
Dementia praecox	3	11	14	—	—	—	—	1	—	1	—	1	2	—	1	—	1	6	—
Paranoia and paranoid conditions	—	1	1	—	—	—	—	—	—	—	—	1	—	—	—	—	—	—	—
Epileptic psychoses	1	—	1	—	—	—	—	—	—	1	—	—	—	—	—	—	—	—	—
With mental deficiency	1	1	2	—	—	1	—	—	—	—	—	1	—	—	—	—	—	—	—
Total	21	28	49	1	1	1	—	2	1	3	2	3	6	4	4	1	2	6	11

TABLE 18.—*Total Duration of Hospital Life of Patients Dying in Hospital Classified According to Principal Psychoses*

Psychoses	Total			Months				Years											
				Less than 1	1-3	4-7	8-12	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-19	Over 20			
	M	F	T	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
Senile	5	6	11	1	—	—	—	2	5	2	1	—	—	—	—	—	—	—	—
With cerebral arteriosclerosis	2	3	5	—	—	—	—	—	2	1	—	—	—	—	—	—	—	—	—
General paralysis	3	—	3	—	—	—	—	—	2	—	—	—	—	—	—	—	—	—	—
With cerebral syphilis	1	—	1	—	—	1	—	—	—	—	—	—	—	—	—	—	—	—	—
With Huntington's chorea	—	1	1	—	—	—	—	—	1	—	—	—	—	—	—	—	—	—	—
Alcoholic	1	1	2	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
With pellagra	1	—	1	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1
With other somatic diseases	2	2	4	—	1	1	—	1	—	—	—	—	—	—	—	—	—	—	—
Manic-depressive	—	1	1	—	—	—	—	—	—	1	—	—	—	—	—	—	—	—	—
Involution melancholia	1	1	2	—	—	—	—	—	—	1	—	—	—	—	—	—	—	—	1
Dementia praecox	3	11	14	—	—	—	—	—	2	—	2	—	—	—	—	—	2	1	7
Paranoia and paranoid conditions	—	1	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Epileptic psychoses	1	—	1	—	—	—	—	—	—	—	1	—	—	—	—	—	—	—	—
With mental deficiency	1	1	2	—	—	—	—	—	—	—	—	—	—	—	1	—	—	—	—
Total	21	28	49	3	—	1	1	5	8	5	2	1	2	—	—	—	1	2	11

M — Male. F — Female, T — Total,